

TWO NEW COMBINATIONS IN THE GENUS *PACKERA* (ASTERACEAE)

Debra K. Trock

Herbarium, Department of Plant Biology
Michigan State University
East Lansing, Michigan 48824-1312, U.S.A.

ABSTRACT

Two new varietal combinations in *Packera* (Asteraceae: Senecioneae) are made based on work completed for the *Flora of North America north of Mexico* project.

RESUMEN

Se hacen dos nuevas combinaciones varietales en *Packera* (Asteraceae: Senecioneae) en base al trabajo completado para el proyecto *Flora of North America north of Mexico*.

Packera is a relatively recent North American segregate of the much larger cosmopolitan genus *Senecio*. Åskell and Doris Löve first proposed the recognition of *Packera* as a distinct genus based on chromosome numbers and morphological trends (Löve & Löve 1975). They initially transferred eight species of arctic plants to this genus. Subsequently other authors have transferred most of the remaining taxa (Weber & Löve 1981; Jeffrey 1992; Trock & Barkley 1998; Bain 1999; Kartesz 1999).

Preparation of a treatment of *Packera* for the forthcoming *Flora of North America north of Mexico* has brought to light the need for two additional nomenclatural combinations.

Packera streptanthifolia (Greene) W.A. Weber & A.Löve var. ***borealis*** (Torr. & A. Gray) D.K. Trock, comb. nov. BASIONYM: *Senecio aureus* L. var. *borealis* Torr. & A. Gray, Fl. N. Amer. 2:442. 1843. *Senecio cymbalarioides* Nutt. var. *borealis* (Torr. & A. Gray) Greenm., Ann. Missouri Bot. Gard. 3:117. 1916. *Senecio streptanthifolius* Greene var. *borealis* (Torr. & A. Gray) J.F. Bain, *Rhodora* 90:293. 1988.

Packera subnuda (DC.) Trock & T.M. Barkley var. ***moresbiensis*** (J.A. Calder & R.L. Taylor) D.K. Trock, comb. nov. BASIONYM: *Senecio cymbalarioides* Nutt. subsp. *moresbiensis* J.A. Calder & Taylor, *Canad. J. Bot.* 43:1399. 1965. *Senecio moresbiensis* (J.A. Calder & R.L. Taylor) G.W. Douglas & G. Ruyle-Douglas, *Canad. J. Bot.* 56:1710. 1978. *Packera moresbiensis* (J.A. Calder & Taylor) J.F. Bain, *Novon* 9:457. 1999.

ACKNOWLEDGMENTS

I am grateful to Luc Brouillet and Guy Nesom for reviewing this manuscript,

and to Alan Prather and Ted Barkley for providing helpful comments. I would also like to thank the curators of the following herbaria for their loan of specimens: ALA, CAN, COLO, DAO, MICH, MONT, MSC, NY, OSC, V, WTU.

REFERENCES

- BAIN, J.F. 1999. New combinations in *Packera* (Asteraceae) and lectotypification of *Packera ovina*. *Novon* 9:457-459.
- JEFFREY, C. 1992. The tribe *Senecioneae* (Compositae) in the Mascarene Islands with an annotated world check-list of the genera of the tribe. *Notes on Compositae*: VI. *Kew Bull.* 47:49-109.
- KARTESZ, J.T. 1999. A synonymized checklist and atlas with biological attributes for the vascular flora of the United States, Canada, and Greenland. First Edition. In: Kartesz, J.T. and C.A. Meacham. *Synthesis of the North American flora, Version 1.0*, North Carolina Botanical Garden, Chapel Hill, NC.
- LOVE, Á. and D. LOVE. 1975. Nomenclatural notes on arctic plants. *Bot. Not.* 128:497-523.
- TROCK, D.K. and T.M. BARKLEY. 1998. Seven new nomenclatural combinations and a new name in *Packera* (Asteraceae: Senecioneae). *Sida* 18:385-387.
- WEBER, W.A. and Á. LOVE. 1981. New combinations in the genus *Packera* (Asteraceae). *Phytologia* 49:44-50.